

# Converting Colors

Hex(6CC7FE)

Have a look what the booklet for  
Hex(6CC7FE) contains.

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# **Color**

**Hex(6CC7FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CC7FE
RGB	108, 199, 254
RGB Percent	42%, 78%, 100%
CMY	0.5765, 0.2196, 0.0039
CMYK	0.57, 0.22, 0.00, 0.00
HSL	203°, 99%, 71%
HSV	203°, 57%, 100%
XYZ	44.4972, 51.1908, 101.3015
YIQ	178.0610, -71.8910, -2.1870

# Conversions

## Conversions Part 2

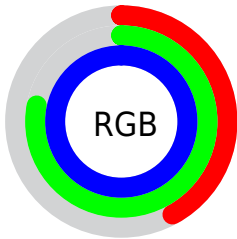
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 164, 254
Decimal	7129086
CIE Lab	76.79, -11.74, -35.26
CIE LCh	77, 37.157, 251.590
Yxy	51.1908, 0.2259, 0.2599
Android (android.graphics.Color)	4285319166 (0xFF6CC7FE)
YUV	178.0610, 37.4379, -61.4435
Hunter-Lab	71.5477, -14.1953, -33.8629

# Details

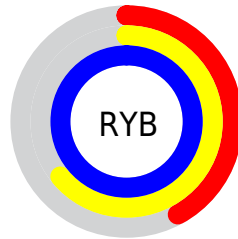
The Hex color **6CC7FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FEA36C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A9FFFF**, and **2391C5** is the 20% darker color. If you saturate the color by 10%, you get **53BDFF**, and if you desaturate by 10%, it is **85D1FE**.

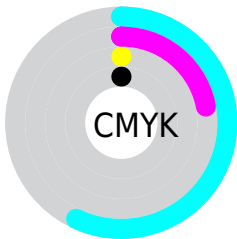
# Distribution



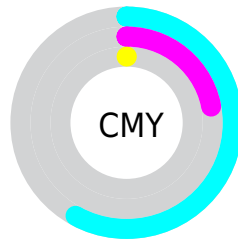
- Red (42%)
- Green (78%)
- Blue (100%)



- Red (42%)
- Yellow (64%)
- Blue (100%)



- Cyan (57%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CC7FE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6CC7FE by changing the saturation by 10% instead.



 6CC7FE

 6CC7FE

FFFFFF

 4CACE1

 A9FFFF

 2391C5

 C7FFFF

 0078AA

 E5FFFF

 005F8F

 004775

 00315C

 001D44

 00042E

 000118

■ 6CC7FE

■ 6CC7FE

■ 53BDFE

■ 85D1FE

■ 39B4FE

■ 9FDAFE

■ 20AAFE

■ B8E4FE

■ 06A1FE

■ D2EDFE

■ 009EFE

■ EBF7FE

FFFFFE

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43CEEA



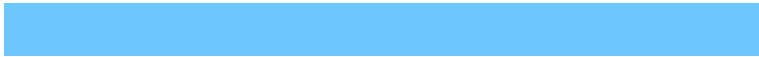
6CC7FE



A3BCFF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6CC7FE



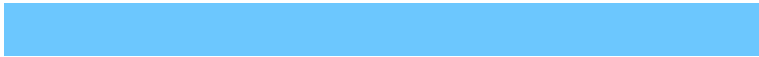
FFA3B1



A2C989

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6CC7FE



FEA36C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C8C079



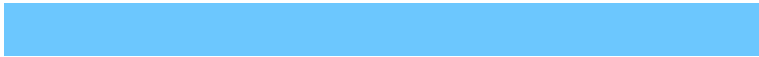
6CC7FE



FCA991

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6CC7FE



F4A6D4



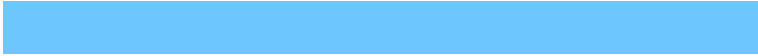
E7B47D



78CFA7

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6CC7FE



C4B4F8



E7B47D



AFC682

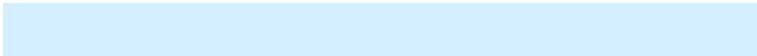


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6CC7FE



D4EFFF



6CFEA2



667680



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6CC7FE



4FBDFE



6C7FFE



737B80



0077BF



002840



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FE6CC7



FF4FBD



FEEB6C



80737B



BF0077

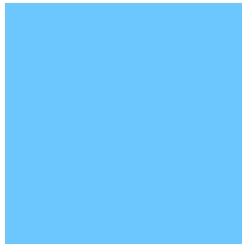


400028



# Previews

## White Background



This preview shows how the Hex color 6CC7FE looks on a white background.

## Color Contrast Check

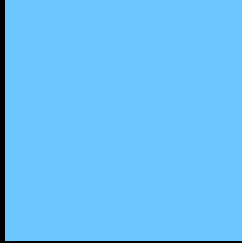
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6CC7FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

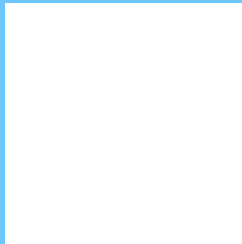
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CC7FE Background



This preview shows how black text looks on a background with the Hex color 6CC7FE.

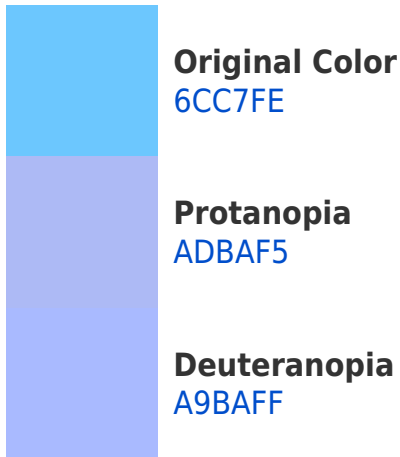


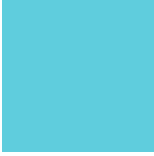
This preview shows how white text looks on a background with the Hex color 6CC7FE.

# Color Blindness Simulation

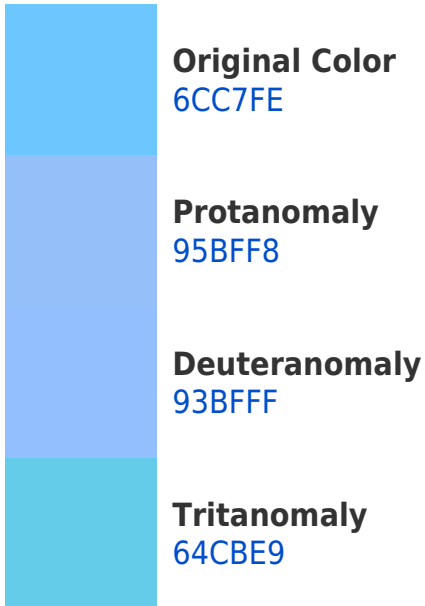
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

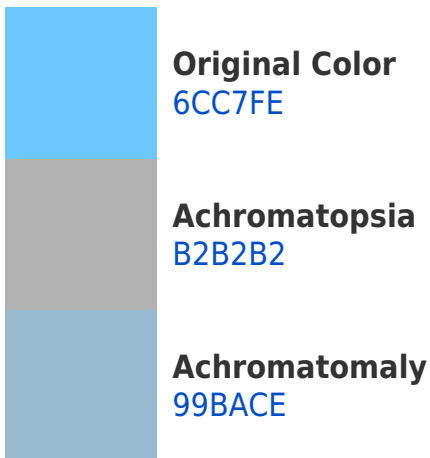




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CC7FE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6CC7FE looks like.

```
.text, #text, p{  
    color:#6CC7FE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6CC7FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC7FE
}
```

## Border

The CSS property to change the border of an element to Hex 6CC7FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6CC7FE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6CC7FE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6CC7FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC7FE; -webkit-box-shadow:4px 4px  
4px 4px #6CC7FE; box-shadow:4px 4px 4px  
4px #6CC7FE }
```

# Background

The CSS property to change the background color of an element to Hex 6CC7FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC7FE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6CC7FE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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